SPIRENT PLC Form 6-K March 14, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of March, 2006
SPIRENT plc
(Translation of registrant's name into English)
Spirent House, Crawley Business Quarter, Fleming Way, Crawley, West Sussex RH10 9QL, UK.
(Address of principal executive offices)
Indicate by check mark whether the registrant files or will file annual reports under cover Form $20\text{-F}$ or Form $40\text{-F}$ .
Form 20-F $X$ Form 40-F
Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934
Yes No X
If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-
NOTIFICATION OF MAJOR INTERESTS IN SHARES
1. Name of listed company
SPIRENT PLC

BARCLAYS PLC

2. Name of shareholder with a major interest

3. Please state whether notification indicates that regarding the holding of the shareholder named in 2 above; in respect of a non-beneficial interest; or in the case of an individual holder if it is a holding of that person's spouse or children under the age of 18

#### SHAREHOLDER IN 2 ABOVE

4. Name of the registered holder(s) and, if more than one holder, the number of shares held by each of them

Registered Holder		Account Designation	Holding
BANK OF IRELAND		258227	888,556
BANK OF IRELAND		4239749	1,483,297
Bank of Ireland Nominees Limited	CREST	ID. 11X13	1,566,600
BANK OF NEW YORK		210405	1,009,027
BANK OF NEW YORK		214075	5,492,767
BANK OF NEW YORK		221428	832,837
BANK OF NEW YORK		367748	2,907,094
BANK OF NEW YORK		392067	3,326,323
BANK OF NEW YORK		768198	257,328
BARCLAYS CAPITAL NOMINEES LIMITED			-69,908
BARCLAYS CAPITAL NOMINEES LIMITED			-154 <b>,</b> 411
BARCLAYS CAPITAL NOMINEES LIMITED			346,210
BARCLAYS CAPITAL NOMINEES LIMITED			1,940,562
Barclays Noms Monument R97 C 00000000000000000000000000000000000	0		1,053
Barclays Trust Co & Others			8,077
BNP PARIBAS			63,549
BNY (OCS) NOMINEES LTD		221476	315,354
BOISS NOMINEES LTD		4224361	567,086
CHASE NOMINEES LTD		16376	527 <b>,</b> 631
CHASE NOMINEES LTD		16669	134,728
CHASE NOMINEES LTD		18243	123,823
CHASE NOMINEES LTD		19518	350,116
CHASE NOMINEES LTD		19519	2,633,656
CHASE NOMINEES LTD		20947	36,805,116
CHASE NOMINEES LTD		21359	1,483,196
CHASE NOMINEES LTD		25772	849,762
CHASE NOMINEES LTD		27793	56,306
CHASE NOMINEES LTD		27797	138,568
CHASE NOMINEES LTD		27800	1,037,801
CHASE NOMINEES LTD		28270	908,176
CHASE NOMINEES LTD		28270	307,679
CHASE NOMINEES LTD		31961	1,306,245
CIBC MELLON GLOBAL SECURITIES		6010640704	42,140
CITIBANK		6010640794	241,026
CITIBANK		6010782807	462,289
DEUTSCHE BANK LONDON		8003168	30,331
Gerrard Nominees Limited		603856	1,208
Gerrard Nominees Limited		642367	13,000
Gerrard Nominees Limited		647291	8,500
Gerrard Nominees Limited Gerrard Nominees Limited		650668	13,000
Gerrard Nominees Limited Gerrard Nominees Limited		653035	13,000
Gerrard Momithees Primited		660632	6,000

Gerrard Nominees Limited	660758	35,000
Gerrard Nominees Limited	660851	30,000
Greig Middleton Nominees Limited (GM1)		220,787
Greig Middleton Nominees Limited (GM1)		11,750
HSBC	813168	855,040
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HSBC	845315	27,190
INVESTORS BANK AND TRUST CO.		22,464
INVESTORS BANK AND TRUST CO.		874 <b>,</b> 807
INVESTORS BANK AND TRUST CO.		221,432
INVESTORS BANK AND TRUST CO.		2,130,422
INVESTORS BANK AND TRUST CO.		54 <b>,</b> 686
INVESTORS BANK AND TRUST CO.		70,520
JP MORGAN (BGI CUSTODY)	16331	268,775
JP MORGAN (BGI CUSTODY)	16341	560,581
JP MORGAN (BGI CUSTODY)	16341	2,160,554
JP MORGAN (BGI CUSTODY)	16344	687,727
JP MORGAN (BGI CUSTODY)	16345	1,158,601
JP MORGAN (BGI CUSTODY)	16400	9,953,381
JP MORGAN (BGI CUSTODY)	16612	342,149
JP MORGAN (BGI CUSTODY)	16621	277,635
JP MORGAN (BGI CUSTODY)	16901	167,869
		791,821
JP MORGAN (BGI CUSTODY)	18409	
JP MORGAN (BGI CUSTODY)	19514	141,755
JP MORGAN (BGI CUSTODY)	28166	2,892,184
JPMorgan Chase Bank		399 <b>,</b> 337
JPMorgan Chase Bank		555 <b>,</b> 319
MELLON BANK	ABGFZ872482	579 <b>,</b> 322
MELLON BANK	TGGF0003002	295 <b>,</b> 962
Mellon Trust - US CUSTODIAN /		102,247
MELLON TRUST OF NEW ENGLAND		101,660
MIDLAND BANK (HSBC BANK PLC)	772823	2,464,273
NORTHERN TRUST	CVS21	1,242,437
NORTHERN TRUST	SC006	303 <b>,</b> 975
NORTHERN TRUST	TNF01	532,061
NORTHERN TRUST	UKE01	1,049,771
NORTHERN TRUST	USF12	1,681,150
NORTHERN TRUST BANK - BGI SEPA		136,835
NORTHERN TRUST BANK - BGI SEPA		35,400
NORTHERN TRUST BANK - BGI SEPA		150,770
R C Greig Nominees Limited		940,952
R C Greig Nominees Limited		349,173
R C Greig Nominees Limited a/c AK1		737,063
R C Greig Nominees Limited a/c AK1		100,645
R C Greig Nominees Limited a/c BL1		98,672
R C Greig Nominees Limited a/c BL1		32,933
R C Greig Nominees Limited a/c CM1		6,650
R C Greig Nominees Limited a/c CM1		24,646
R C Greig Nominees Limited GP1		64 <b>,</b> 089
R C Greig Nominees Limited GP1		51,481
R C Greig Nominees Limited SA1		31,232
R C Greig Nominees Limited SA1		65 <b>,</b> 680
R C Greig Nominees Limited SA1	WIVE002	1,033
STATE STREET	2RJ2	103,736
STATE STREET	JD12	482,919
STATE STREET	JFBL	594 <b>,</b> 987
STATE STREET	N3YZ	10,871
STATE STREET TRUST OF CANADA -		96,482
The Northern Trust Company - U		68,739
ZEBAN NOMINEES LIMITED		1,000
ZEBAN NOMINEES LIMITED		1,700
Group Holding		105,727,030
group moraring		100,121,030

5. Number of shares / amount of stock acquired
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6. Percentage of issued class (any treasury shares held by the listed company should not be taken into account when calculating percentage)
7. Number of shares / amount of stock disposed
NOT KNOWN
8. Percentage of issued class (any treasury shares held by the listed company should not be taken into account when calculating percentage)
NOT KNOWN
9. Class of security
ORDINARY SHARES OF 3.3333 PENCE EACH
10. Date of transaction
HOLDING AS AT 9 MARCH 2006
11. Date company informed
13 MARCH 2006
12. Total holding following this notification
105,727,030
13. Total percentage holding of issued class following this notification (any treasury shares held by the listed company should not be taken into account when calculating percentage)

10.91%

14. Any additional information
SHAREHOLDER PREVIOUSLY REPORTED A SHAREHOLDING OF 114,823,988 (11.88%) ON 28 FEBRUARY 2006.
15. Name of contact and telephone number for queries
MICHAEL ANSCOMBE - 01293 767672
16. Name and signature of duly authorised company official of the listed company responsible for making this notification
MICHAEL ANSCOMBE - DEPUTY COMPANY SECRETARY
Date of notification
14 MARCH 2006
Signatures
Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.
LUKE THOMAS
(Registrant)
Date 14 March, 2006 By/s/ Luke Thomas
(Signature)*